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**Remarks:**

1. Examiner issued a first Office Action on March 26, 2004, in which claims 1-20 were rejected under 35 U.S.C. 102(e) as being anticipated by **JP 2002162457 (Sony Corp.)**. Applicant thanks Examiner for her careful review of the present application.
2. **Amendment to the Specification:** The amendment to the paragraph beginning on line 4 on page 5 was merely to correct a typographical error. The amendment to the paragraph beginning on line 19 on on page 8 more clearly states that USB port 31, which encompasses the USB positive and negative data transmission lines D+ and D-, and RS-232 port 33, which encompasses the data-receive line RX and data-transmit line TX, are incorporated into the multi-mode connector 2. That the lines are incorporated into the multi-mode connector is clearly shown in **FIGS. 2, 3, 5, and 9** and, thus, this amendment introduces no new subject matter.
3. **Amendment to the Claims:** Generally, the term "GPS receiver cable connector" has been replaced by the term multi-mode device connector. This amendment occurs in claims 1, 5, 6, 7, 9, 14, 16, 17, and 20. Language supporting this amendment is found in the Specification as originally filed, in the paragraphs describing **FIGS. 1 and 2**, starting on page 7 and continuing onto the top of page 9 and therefore the amendment introduces no new subject matter. Claim 1 was further amended to recite a single multi-mode device connector, and to recite a USB port and an RS-232 port that are incorporated into the multi-mode device connector. Again, these amendments introduce no new subject matter as the multi-mode device connector and the lines forming the USB port and the RS-232 port therein are clearly shown in **FIGS. 2, 3, 5 and 9** and the ports in **FIG. 2** are clearly described in the paragraph that begins on page 8 and continues onto page 9. Claim 17 was amended to correctly identify the second cable as a data cable. Claim 20 was amended to correct the misspelling of battery.

4. **Amendments to the Drawings:** Reference designation "2" was added to FIG.

5. This amendment introduces no new subject matter as the reference designation refers to the multi-mode device connector, which is clearly shown in FIGS. 2, 3, and 5 as originally filed, and is properly labeled in FIGS. 2 and 3.

5. **Objections:** Examiner objected to a misspelling of the word "battery" in claim 20, which has been amended. Accordingly, Applicant requests that the objection be withdrawn.

6. **Rejection of Claims 1-20 under 35 U.S.C. § 102(e):** Examiner rejected claims 1-20 as being anticipated by JP 2002162457 (Sony Corp). Applicant believes that the rejection under 102(e) is incorrect, as the cited reference, as far as can be determined, was not filed in an International Application, did not designate the United States in an International Application, and was not published in the English language. Since an English-language Abstract of the Japanese application was published earlier than the priority date of the present application, Applicant will address each rejection as if raised under 35 U.S.C. § 102(b).

7. In explaining the rejection, Examiner states that the Sony GPS receiver includes a GPS-receiver cable connector. The Sony GPS receiver comprises two bodies, 11-1 and 11-2. Drawing 7 of the Sony GPS receiver shows a serial connector 83 incorporated into Body 11-2 and a USB connector 25 incorporated into Body 11-1. The connectors lie parallel but separate to each other within the GPS receiver housing. If a user of the Sony device wanted simultaneous output of serial data and USB data, the user would have to plug two cables into the device, a serial cable into the serial connector 83, and a USB cable into the USB connector 25.

8. The invention of the present application includes a single multi-mode connector 2 on the GPS receiver 1. The multi-mode connector 2 is considered multi-mode because

it allows for a single connection to both USB and RS-232 circuitry that is contained on the GPS receiver base band circuit **15** via a single multi-mode connector **4** on the cable assembly. For example, **FIG. 7** of the present application illustrates a single multi-mode connector **4** inserted into the multi-mode connector **2** on the GPS receiver **1**. The multi-mode connector **4** simultaneously connects the GPS data transceiver system **10** to both a USB host computer **60** and an RS-232 radio transmitter **50**.

9. Claim 1 as presently amended recites a single multi-mode device connector. Accordingly, the Sony disclosure does not anticipate the invention as claimed in claim 1. Applicant respectfully submits that claim 1 as amended contains allowable subject matter and therefore requests that Examiner withdraw her rejection under 35 U.S.C. § 102 of this claim.

10. Dependent claims 2-4, 6 – 8 include the subject matter of claim 1 and thus also contain allowable subject matter. Applicant requests that Examiner withdraw her rejections under 35 U.S.C. § 102 and allow these claims.

11. Dependent claim 5 recites an external RS-232 circuit that is connected to the GPS receiver base-band circuit via a connection to the multi-mode device connector. Sony does not disclose such a configuration and, thus, does not anticipate claim 5. Applicant therefore requests that Examiner withdraw her rejection under 35 U.S.C. § 102 of claim 5 and allow this claim.

12. Claim 9 recites a combination USB and RS-232 data cable that connects to the multi-mode device connector. The combination of this data cable and the multi-mode device connector on the GPS receiver is not disclosed by the prior art. Applicant accordingly requests that Examiner withdraw her rejection under 35 U.S.C. § 102 and allow claim 9 and its directly dependent claims 10 and 11.

13. Claim 12, indirectly dependent from claim 1 and directly dependent from claim 8, recites an external RS-232 unit and battery source. This is not disclosed by the prior art and Applicant requests that Examiner withdraw her rejection under 35 U.S.C. § 102 of claim 12 and its dependent claims 13 – 14.

14. Claim 15 depends from claim 1 and accordingly includes the allowable subject matter of that claim. Applicant therefore requests that Examiner withdraw her rejection under 35 U.S.C. § 102 and allow claim 15.

15. Claims 16, 17, and 20 are amended analogously to claim 1. Claim 16 recites a GPS data transceiver system that includes a multi-mode device connector that includes the USB and RS-232 ports and is not anticipated by the Sony device. Claims 17 – 19 depend from claim 16. Applicant respectfully submits that claims 16 – 19 contain allowable subject matter and requests that Examiner withdraw her rejection under 35 U.S.C. § 102 and allow these claims.

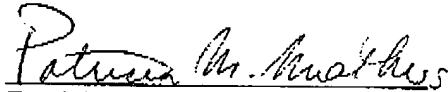
16. Claim 20 is an independent claim that recites, among other features, a multi-mode device connector that includes the USB and RS-232 ports and is, thus, not anticipated by the Sony disclosure. Applicant therefore requests that Examiner withdraw her rejection of claim 20 and allow this claim.

17. Applicant has addressed all objections and rejections raised by Examiner in the Office Action and submits that all claims as currently presented are in condition for allowance.

18. This response is being filed within three months of the mail date of the Office Action, thus no late fees are due. The total number of claims remains unchanged from the originally filed number of claims and no fees for excessive claims are due. Nevertheless, should it be determined that a fee is due, the Commissioner for Patents is

herewith authorized to deduct the necessary amount from Deposit Account 501517 of the Undersigned.

Respectfully submitted,



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